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Status PROTOTYPE

Drawn By: Madison Gleydura

Embry-Riddle Aeronautical University

Sheet: /Ethernet/

File: ethernet.kicad_sch

Title: Ethernet

Size: USLetter Date: 2025-03-15



Rev: 1

Id: 5/15

A

A

B

B

C

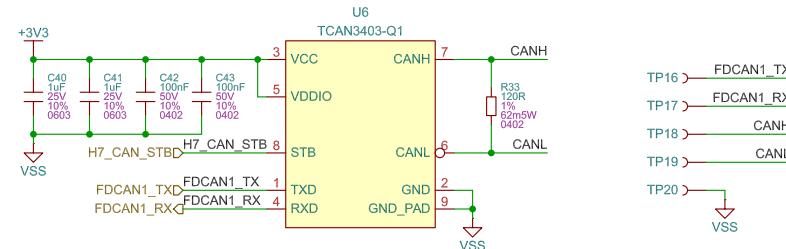
C

D

D

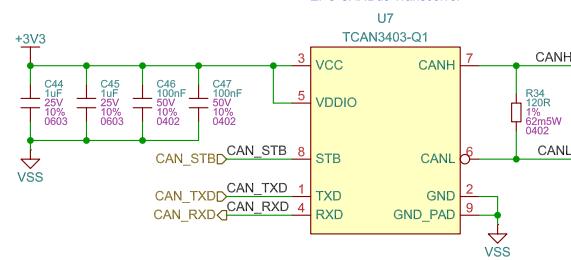
E

E

Host CANBus Transceiver

TP16 → FDCAN1_TX
 TP17 → FDCAN1_RX
 TP18 → CANH
 TP19 → CANL
 TP20 → VSS

TP21 → CAN_TXD
 TP22 → CAN_RXD
 TP23 → VSS

EPS CANBus Transceiver

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Sheet: /CANBus Transceivers/

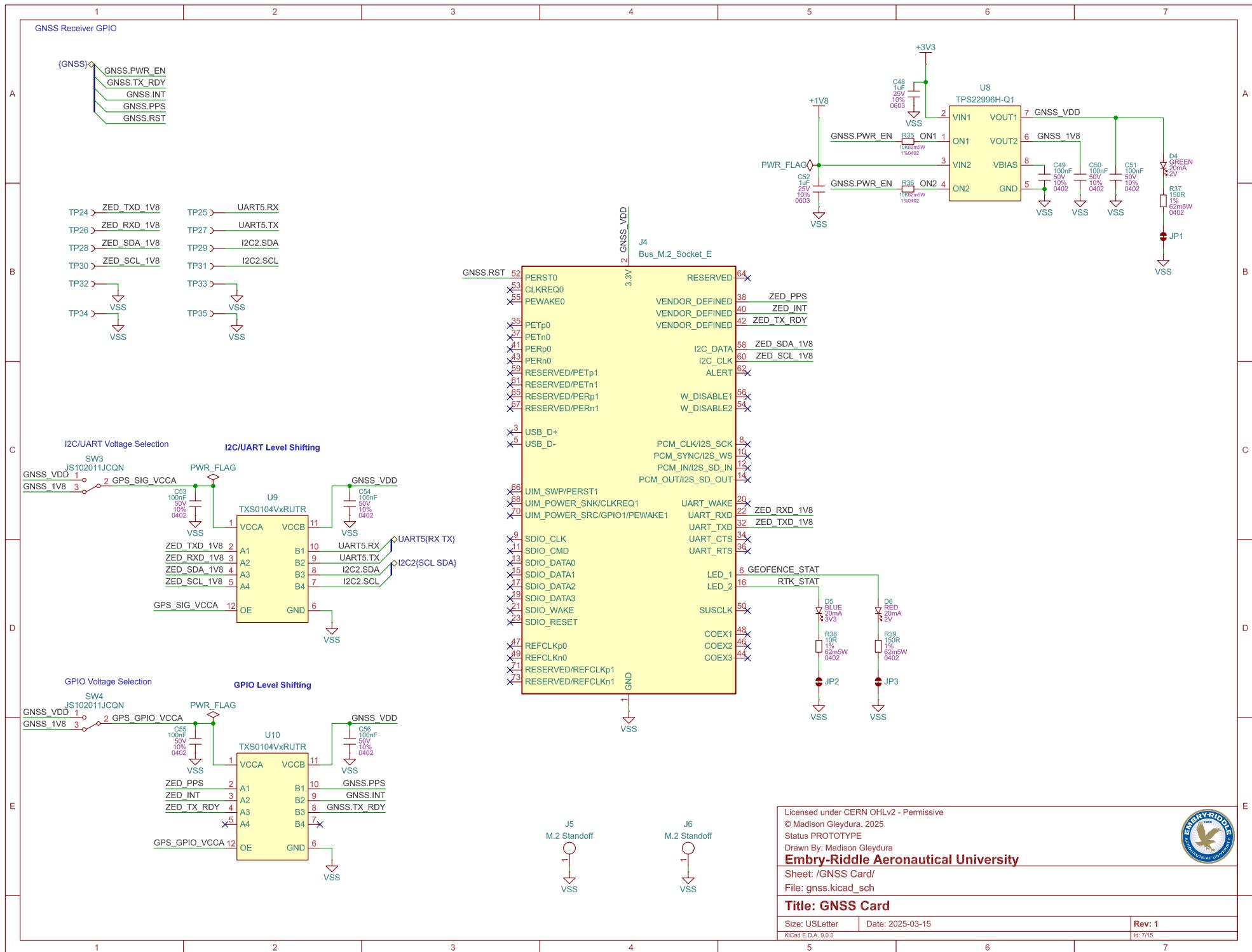
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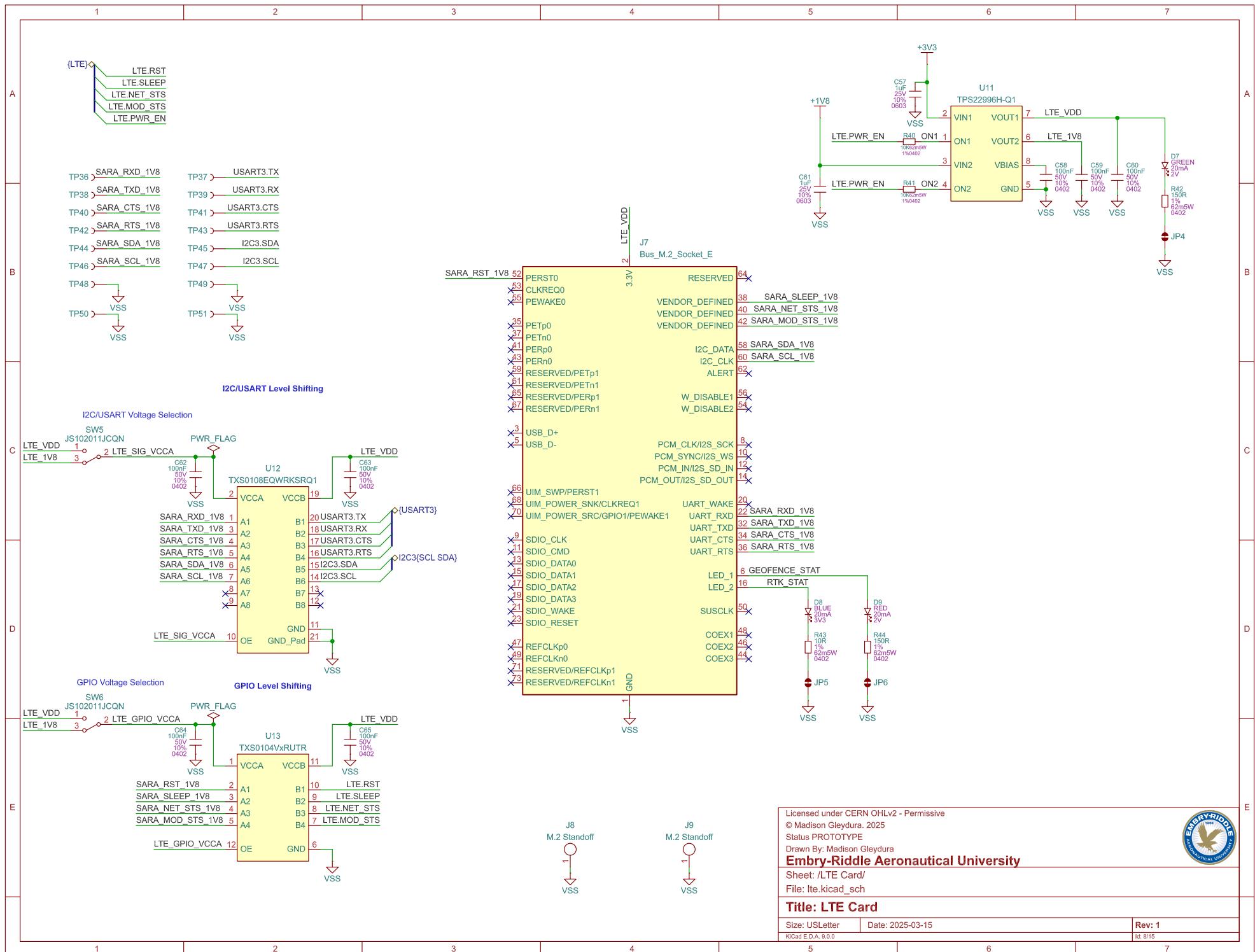
**Title:**

Size: USLetter Date: 2025-03-15

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Sheet: LTE Card/

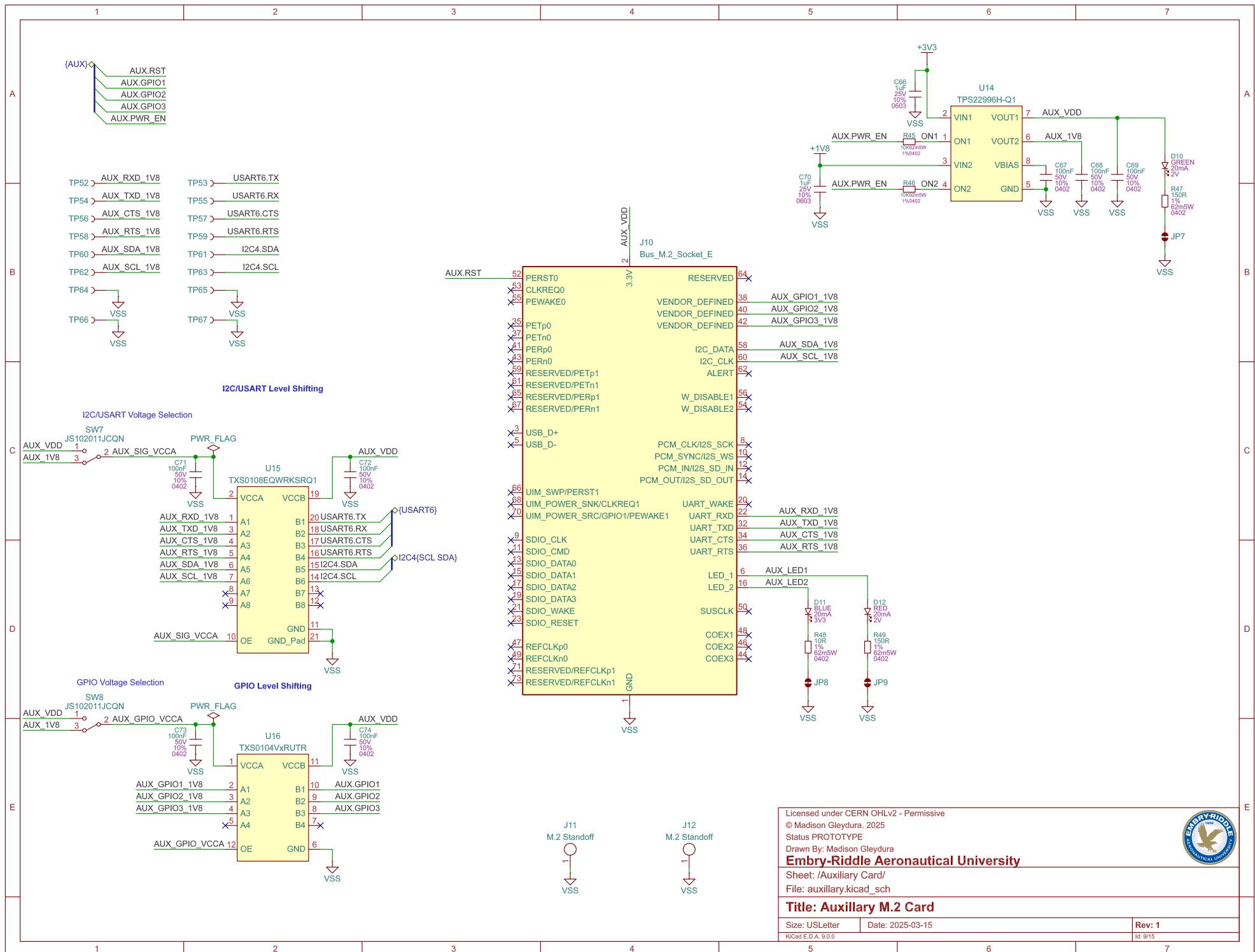
File: lte.kicad_sch

Title: LTE Card

Size: USLetter Date: 2025-03-15

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Sheet: /Auxiliary Card/

File: auxillary.kicad_sch

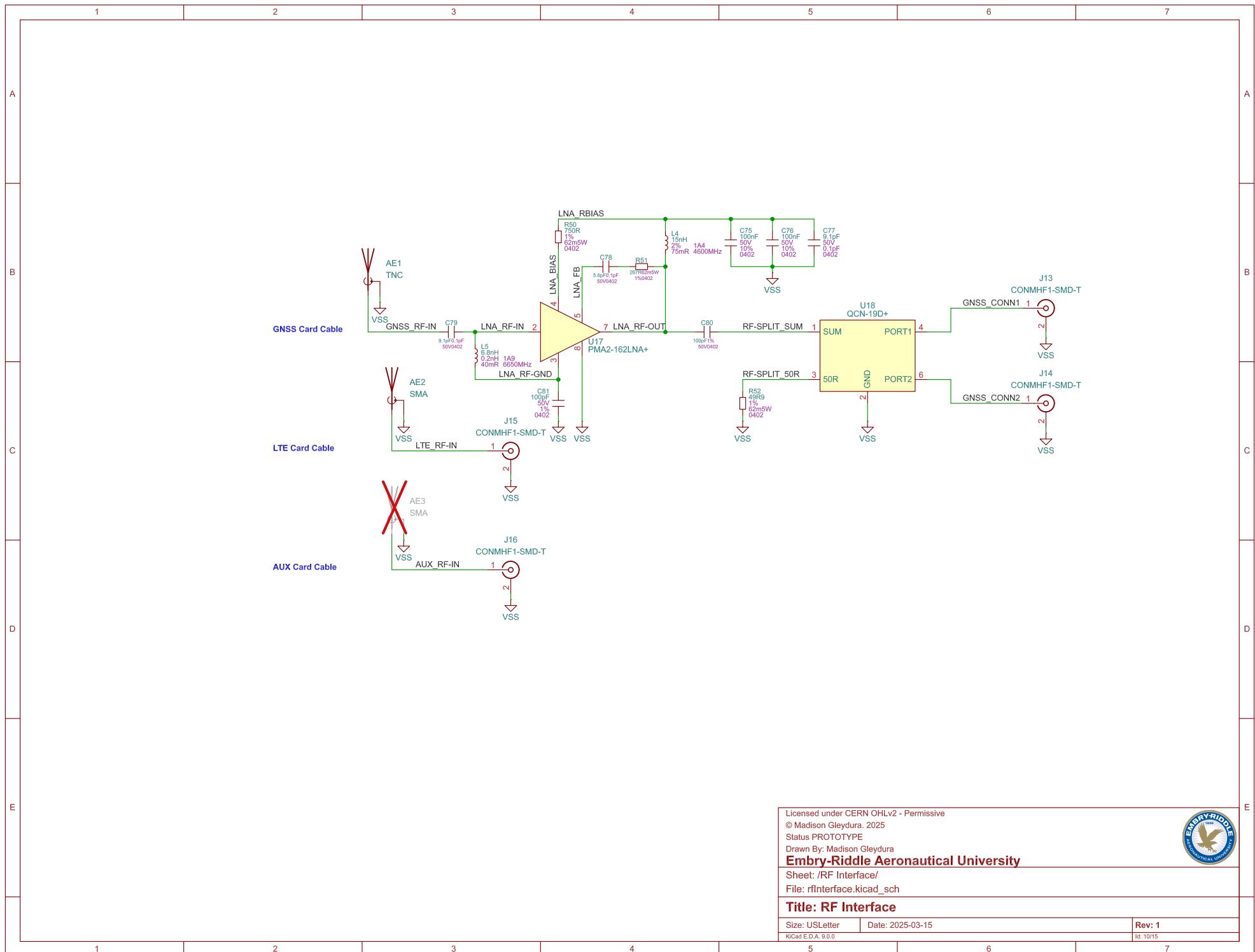
Title: Auxillary M.2 Card

Size: USLetter Date: 2025-03-15

Rev: 1

KiCad E.D.A. 9.0.0

Id: 9/15



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Sheet: /RF Interface/

File: rflinterface.kicad_sch

Title: RF Interface

Size: USLetter Date: 2025-03-15

KiCad 9.0.0



Rev: 1

Id: 10/15

